

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053123\
 Data File : PL083107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2023 08:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/01/2023
 Supervised By : Ankita Jodhani 06/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 05:04:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.317	2.637	51783559	43249527	17.619	16.659
28)	SA Decachlor...	8.732	7.739	41016769	45306224	19.557	18.221
Target Compounds							
2)	A alpha-BHC	3.766	3.132	35848631	27052921	8.075	7.250
3)	MA gamma-BHC...	4.094	3.459	34644444	25871744	8.362	7.762
6)	B beta-BHC	4.298	3.759	18117068	13481204	9.623	9.427
14)	MA Endrin	6.316	5.472	106.0E6	94887082	39.441	37.402
16)	A 4,4'-DDD	6.461	5.622	4941608	4018799	2.274	2.090
17)	MA 4,4'-DDT	6.773	5.870	206.8E6	186.3E6	82.623	83.503
18)	B Endrin al...	6.669	5.948	3227401	3809536	1.605	1.926
20)	A Methoxychlor	7.253	6.450	277.4E6	249.7E6	209.746	196.365
21)	B Endrin ke...	7.381	6.673	7012240	6976265	2.749m	2.580m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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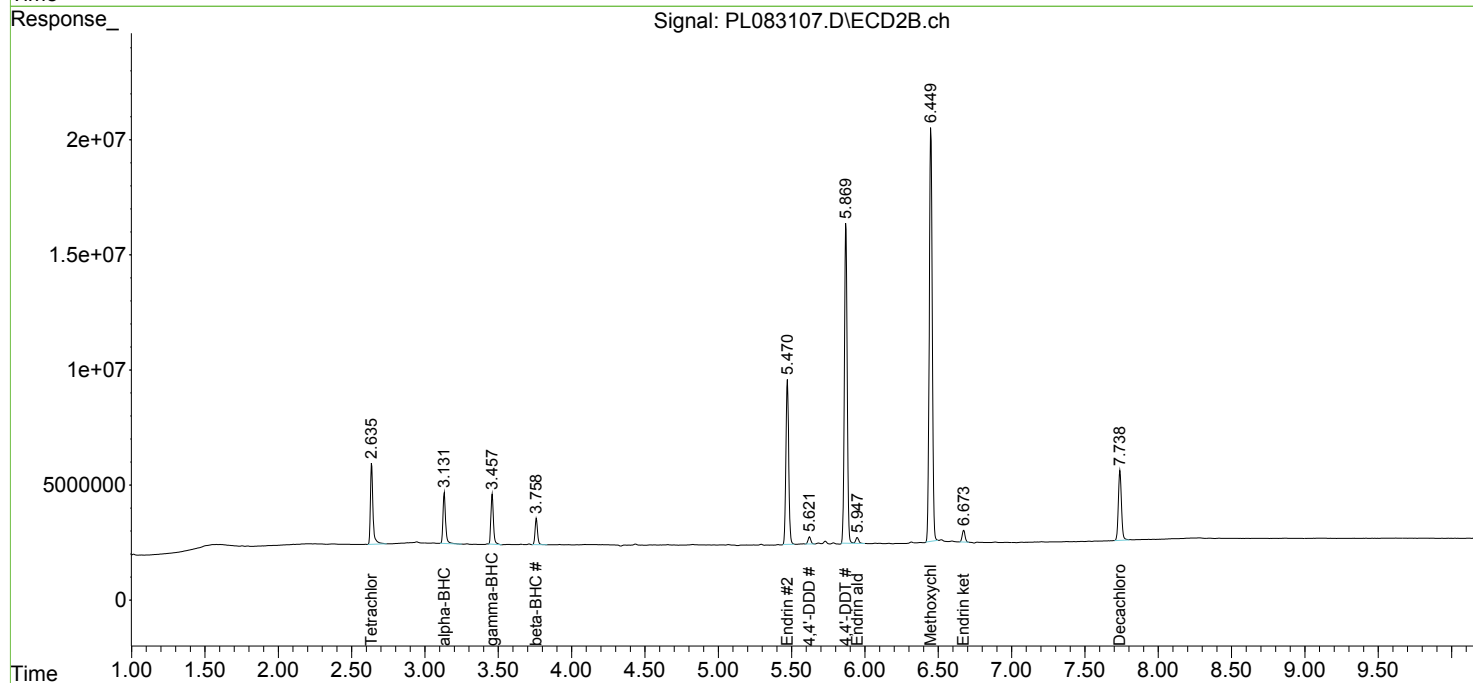
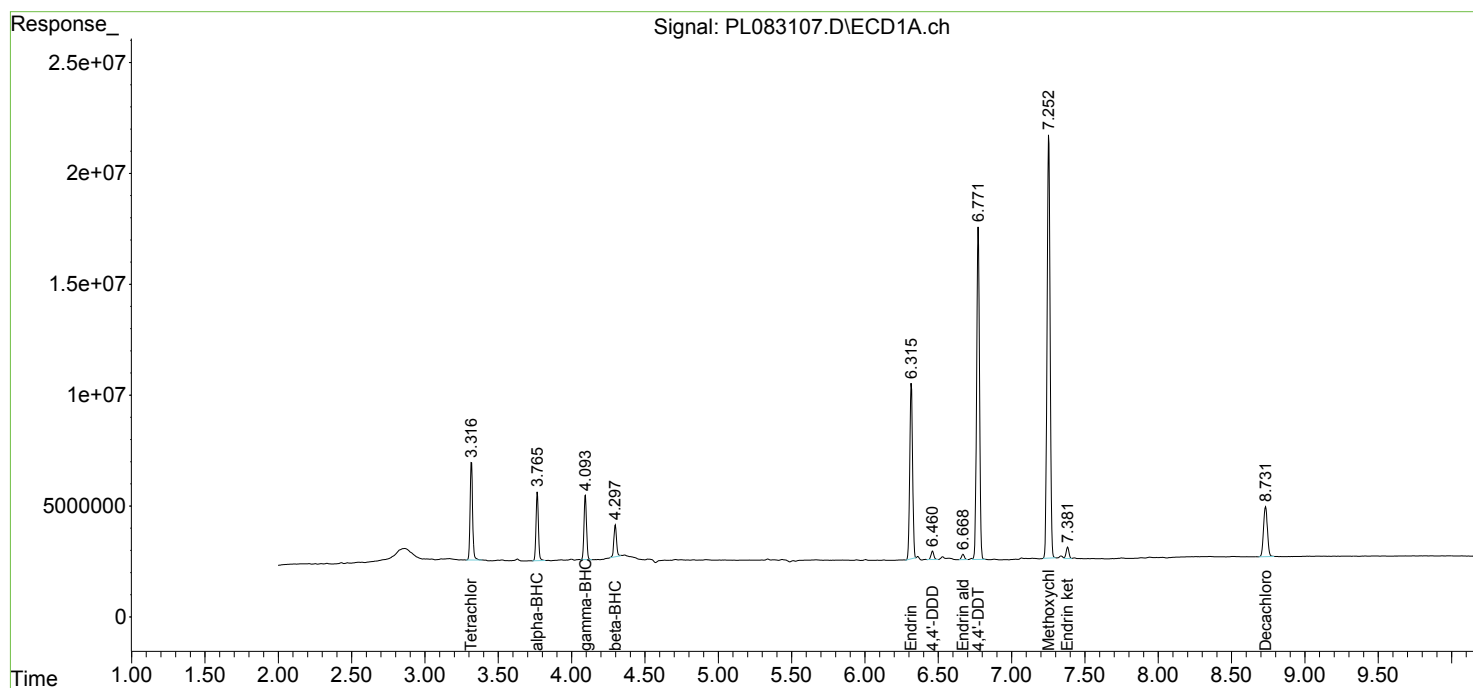
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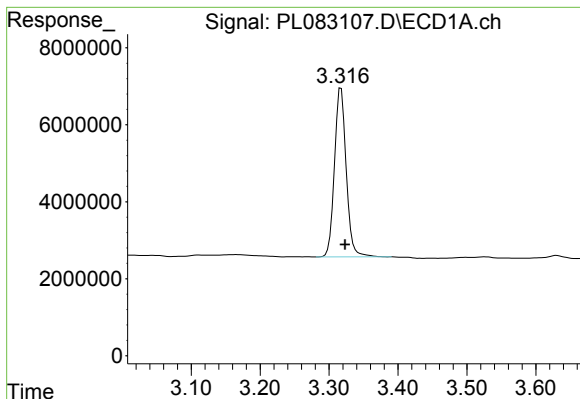
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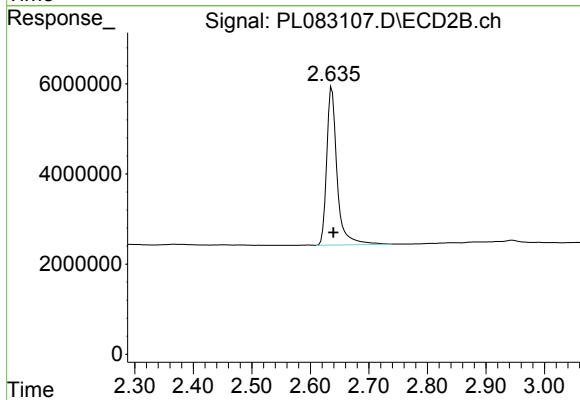
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 51783559
Conc: 17.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

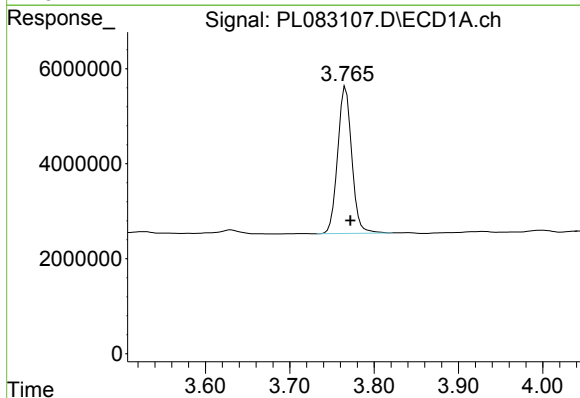
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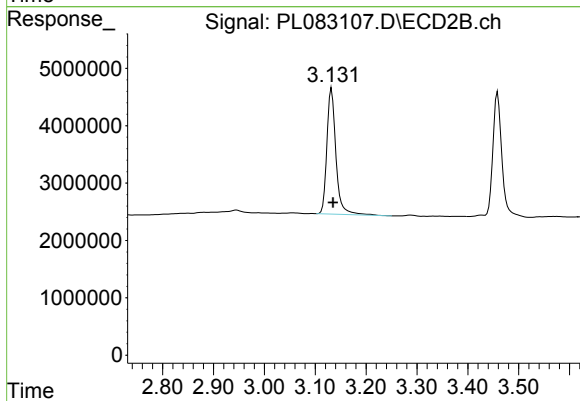
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 43249527
Conc: 16.66 ng/ml



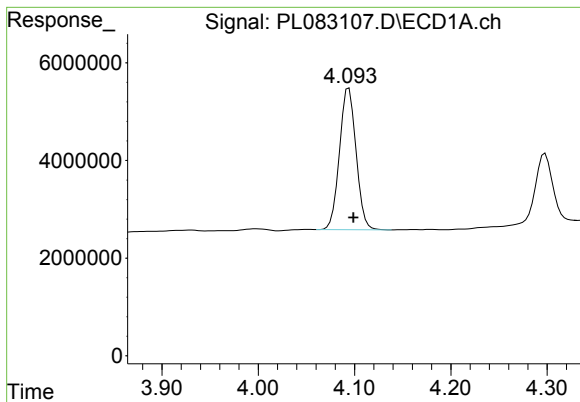
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 35848631
Conc: 8.08 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 27052921
Conc: 7.25 ng/ml



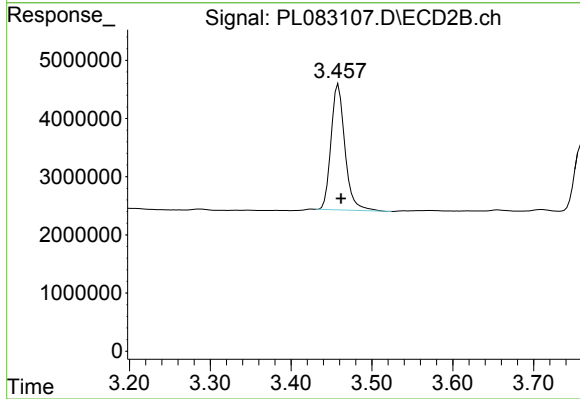
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 34644444
Conc: 8.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

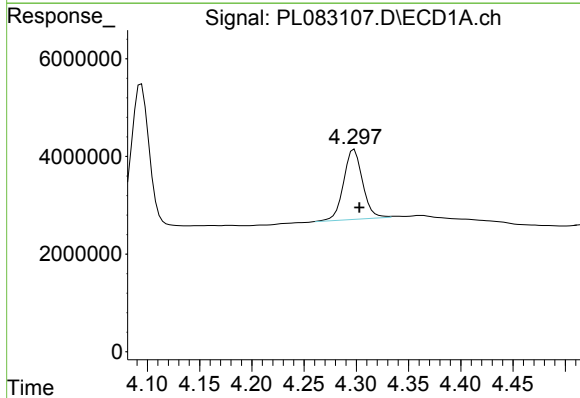
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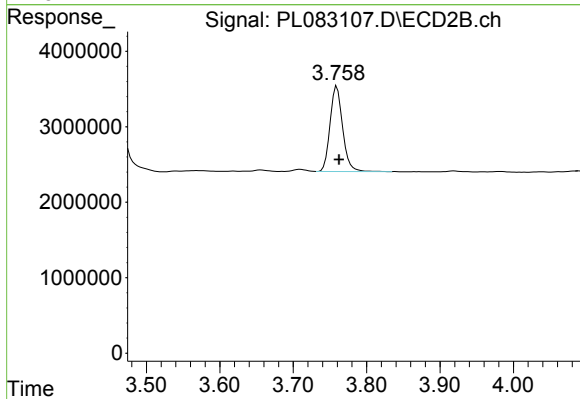
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 25871744
Conc: 7.76 ng/ml



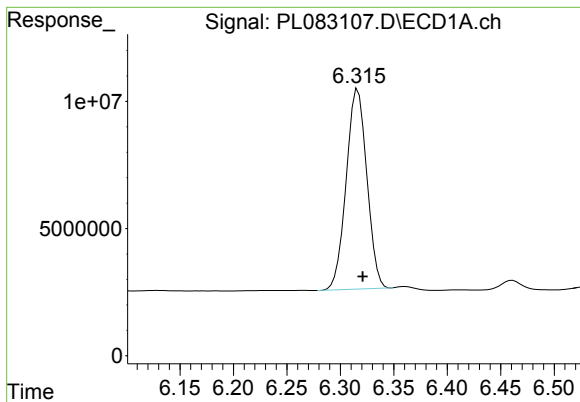
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 18117068
Conc: 9.62 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 13481204
Conc: 9.43 ng/ml



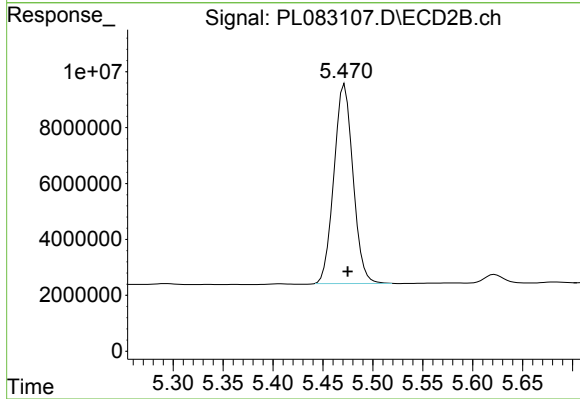
#14 Endrin

R.T.: 6.316 min
Delta R.T.: -0.005 min
Response: 105988978
Conc: 39.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

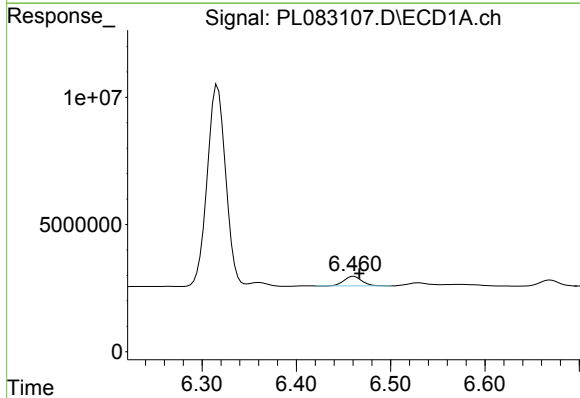
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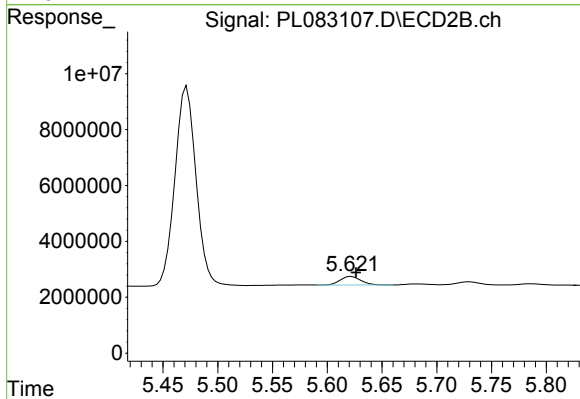
#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 94887082
Conc: 37.40 ng/ml



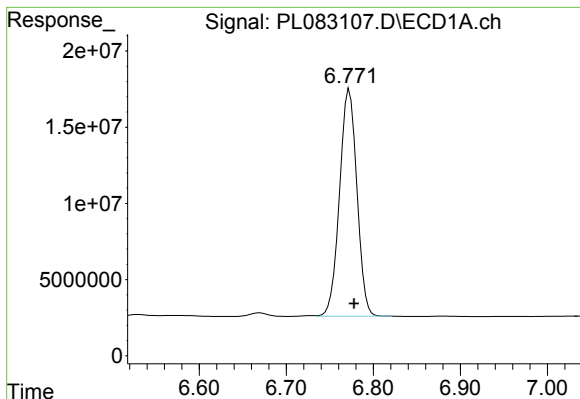
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 4941608
Conc: 2.27 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 4018799
Conc: 2.09 ng/ml



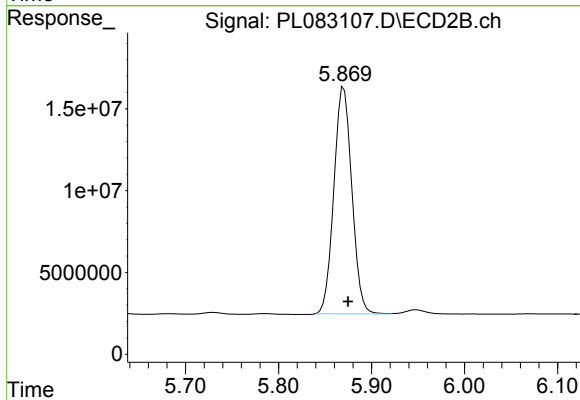
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 206819762
Conc: 82.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

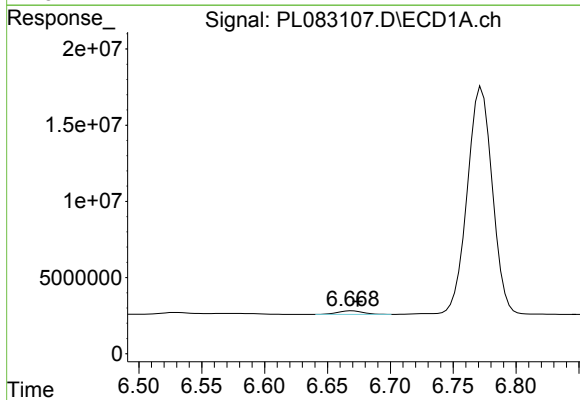
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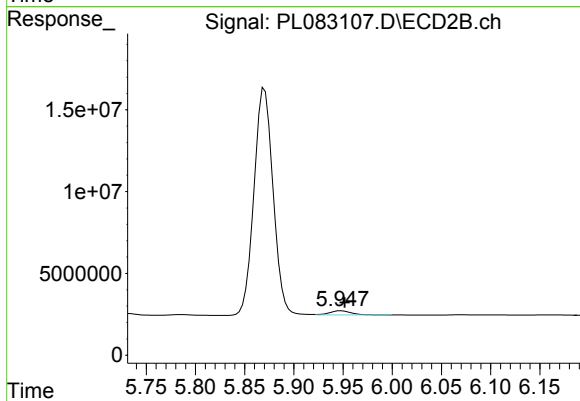
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 186296701
Conc: 83.50 ng/ml



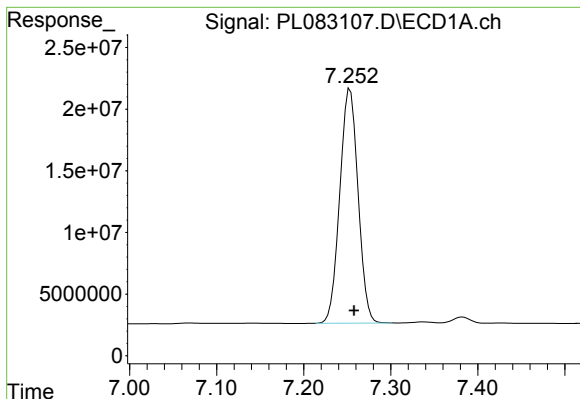
#18 Endrin aldehyde

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 3227401
Conc: 1.61 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 3809536
Conc: 1.93 ng/ml



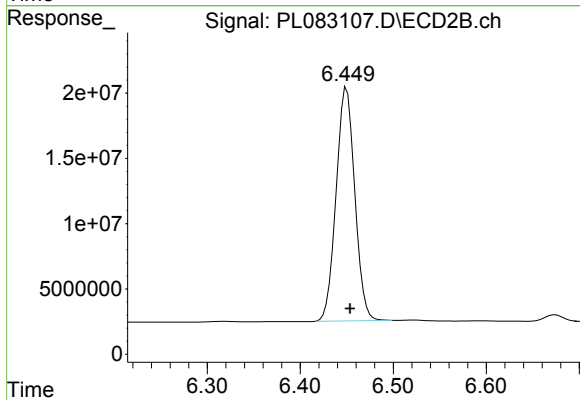
#20 Methoxychlor

R.T.: 7.253 min
Delta R.T.: -0.005 min
Response: 277363962
Conc: 209.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

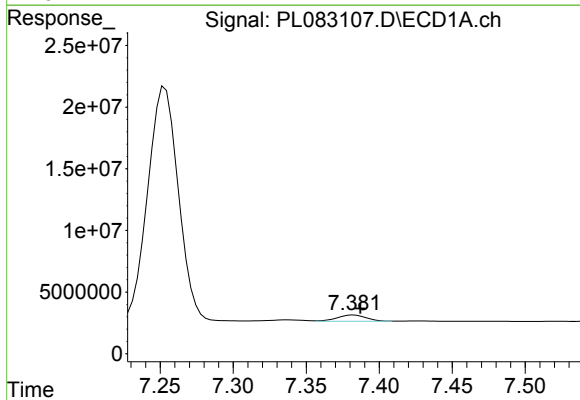
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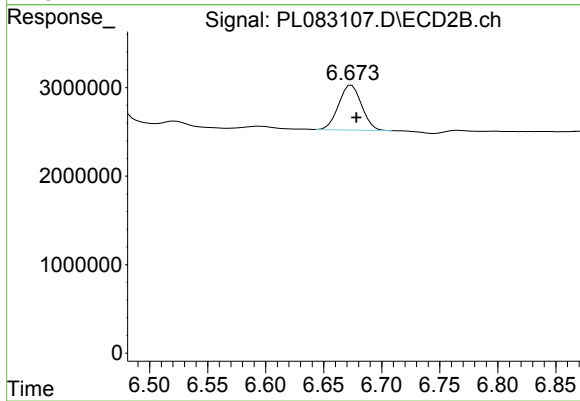
#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 249727217
Conc: 196.37 ng/ml



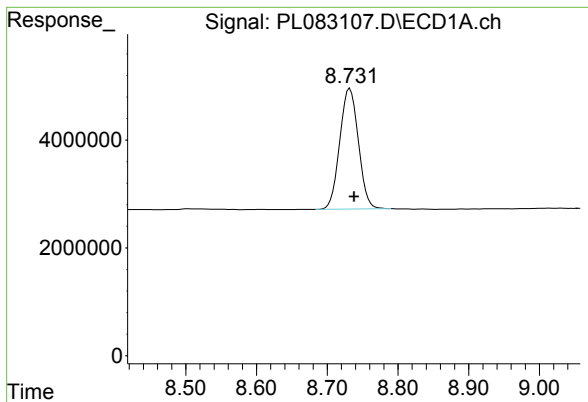
#21 Endrin ketone

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 7012240
Conc: 2.75 ng/ml m



#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: -0.006 min
Response: 6976265
Conc: 2.58 ng/ml m



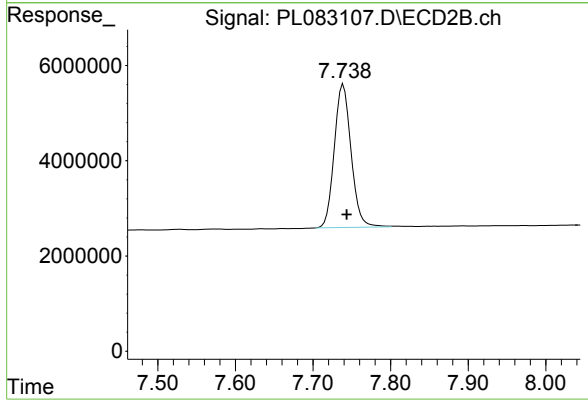
#28 Decachlorobiphenyl

R.T.: 8.732 min
Delta R.T.: -0.006 min
Response: 41016769
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.739 min
Delta R.T.: -0.004 min
Response: 45306224
Conc: 18.22 ng/ml